

**TESTMARK Laboratories Ltd.***Committed to Quality and Service*

CERTIFICATE OF ANALYSIS

Client: Carol Koziar
Company: RDSB - Lasalle Elementary/Secondary School
Address: 408 Wembley Drive
Sudbury, ON, P3E 1P2
Phone/Fax: (705) 690-0323 / (705) 671-2442
Email: koziarc@rainbowschools.ca

Work Order Number: 552336
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045995
Sampled By: Carol Koziar

Date Order Received: 10/3/2024
Arrival Temperature: 9 C

Analysis Started: 10/9/2024
Analysis Completed: 10/10/2024

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

Sample Description	Lab ID	Matrix	Type	Comments	Date Collected	Time Collected
Standing- BF 02 by rm 105	2063813	Water	Plumbing		10/3/2024	6:30 AM
Flushed- BF 02 by rm 105	2063814	Water	Plumbing		10/3/2024	7:05 AM
Standing- BF 3 by rm 305	2063815	Water	Plumbing		10/3/2024	6:35 AM
Flushed- BF 3 by rm 305	2063816	Water	Plumbing		10/3/2024	7:10 AM
Standing- S2 Kitchen 108	2063817	Water	Plumbing		10/3/2024	6:40 AM
Flushed- S2 Kitchen 108	2063818	Water	Plumbing		10/3/2024	7:15 AM
Standing- S7 rm 116 DC	2063819	Water	Plumbing		10/3/2024	6:45 AM
Flushed- S7 rm 116 DC	2063820	Water	Plumbing		10/3/2024	7:20 AM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
ICPMS Reg. Water (A13)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A

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This report has been approved by:

Brad Halvorson, B.Sc.

Laboratory Director

WORK ORDER RESULTS

Sample Description	Standing - BF 02 by rm 105		Flushed - BF 02 by rm 105		Standing - BF 3 by rm 305		Flushed - BF 3 by rm 305			
Sample Date	10/3/2024 6:30 AM		10/3/2024 7:05 AM		10/3/2024 6:35 AM		10/3/2024 7:10 AM			
Lab ID	2063813		2063814		2063815		2063816			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	Standing - S2 Kitchen 108		Flushed - S2 Kitchen 108		Standing - S7 rm 116 DC		Flushed - S7 rm 116 DC			
Sample Date	10/3/2024 6:40 AM		10/3/2024 7:15 AM		10/3/2024 6:45 AM		10/3/2024 7:20 AM			
Lab ID	2063817		2063818		2063819		2063820			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10



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LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

Organic Soil Analysis: Data reported for organic analysis in soils samples are corrected for moisture content.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

UCL: Upper Control Limit.

QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.

Field Data: Reports containing Field Parameters represent data that has been collected and provided by the client. Testmark is not responsible for the validity of this data which may be used in subsequent calculations.

Sample Condition Deviations: A noted sample condition deviation may affect the validity of the result. Results apply to the sample(s) as received.

Reproduction of Report: Report shall not be reproduced, except in full, without the approval of Testmark Laboratories Ltd.

ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.

Regulation Comparisons: Disclaimer: Please note that regulation criteria are provided for comparative purposes, however the onus on ensuring the validity of this comparison rests with the client.

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QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS.

QAQC details include only values where sufficient sample data allowed measurement.

Metals

Method Blank: LRB-6 (Blank) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	0.1	ug/L	0	<0.1	0.3	20241010.A13.1B

Positive Control: LFB-7 (N 100 µg/L) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	99.5	115	20241010.A13.1B

Reference Sample: CRM-12 (EP-L-3) (12)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.88	5.38	20241010.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	97.4	130	20241010.A13.1B

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Flushed - BF 02 by rm 105	2063814	ICPMS Reg. Water (A13)	20241010.A13.1B	20241008.A52ZP
Flushed - BF 3 by rm 305	2063816	ICPMS Reg. Water (A13)	20241010.A13.1B	20241008.A52ZP
Flushed - S2 Kitchen 108	2063818	ICPMS Reg. Water (A13)	20241010.A13.1B	20241008.A52ZP
Flushed - S7 rm 116 DC	2063820	ICPMS Reg. Water (A13)	20241010.A13.1B	20241008.A52ZP
Standing - BF 02 by rm 105	2063813	ICPMS Reg. Water (A13)	20241010.A13.1B	20241008.A52ZP
Standing - BF 3 by rm 305	2063815	ICPMS Reg. Water (A13)	20241010.A13.1B	20241008.A52ZP
Standing - S2 Kitchen 108	2063817	ICPMS Reg. Water (A13)	20241010.A13.1B	20241008.A52ZP
Standing - S7 rm 116 DC	2063819	ICPMS Reg. Water (A13)	20241010.A13.1B	20241008.A52ZP